

### Marked Up Claims

1. (Amended) A substantially purified nucleic acid molecule having [a] the nucleic acid sequence [selected from the group consisting] of SEQ ID NO: 1 [through SEQ ID NO: 51,470] or [complements thereof] its complement.
2. (Amended) A substantially purified nucleic acid molecule, said nucleic acid molecule capable of specifically hybridizing to a second nucleic acid molecule having [a] the nucleic acid sequence [selected from the group consisting] of SEQ ID NO: 1 [through SEQ ID NO: 51,470] or [complements thereof] its complement.
3. (Amended) A substantially purified [nucleic acid molecule encoding a] Arabidopsis protein [or fragment thereof], wherein said protein [or fragment thereof] is [selected from the group consisting of an *Arabidopsis* protein or fragment thereof from Table 2] encoded by a nucleic acid molecule consisting essentially of the sequence of SEQ ID NO: 1 or its complement.
4. (Amended) The substantially purified [nucleic acid molecule] Arabidopsis protein according to claim 3, wherein said *Arabidopsis* protein [or fragment thereof] is a homologue of a fungal protein [or fragment thereof].
5. (Amended) The substantially purified [nucleic acid] Arabidopsis protein according to claim 3, wherein said *Arabidopsis* protein [or fragment thereof] is a homologue of a non-*Arabidopsis* plant protein [or fragment thereof].
6. (Amended) The substantially purified [nucleic acid molecule] Arabidopsis protein according to claim 3, wherein said *Arabidopsis* protein [or fragment thereof] is a homologue of a mammalian protein [or fragment thereof].
7. (Amended) The substantially purified [nucleic acid molecule] Arabidopsis protein according to claim 3, wherein said *Arabidopsis* protein [or fragment thereof] is a homologue of a bacterial protein [or fragment thereof].